

CLAIMS

What is claims is:

1. A method for applying a treatment liquid onto a surface of a member wherein the treatment liquid is applied in droplet form onto the surface of the member, and

wherein the surface is divided into a plurality of regions according to the shape of the surface, and an application quantity is controlled for each of the regions.

2. An application method according to Claim 1, wherein the application quantity for a region of the plurality of regions in a higher position in the vertical direction is set larger than the application quantities for other regions.

3. An application method according to Claim 2, wherein when the member is in an upward convex shape, the curved surface of the member is divided into a plurality of substantially concentric regions, and the application quantity for a region of the plurality of regions in a more inner position is set larger than the application quantities for the regions in more outer positions.

4. An application method according to Claim 2, wherein when the member is in an upward concave shape, the curved surface of the member is divided into a plurality of

substantially concentric regions, and the application quantity for a region of the plurality of regions in a more outer position is set larger than the application quantities for the regions in more inner positions.

5. An application method according to any one of Claims 1 to 4, wherein at least one of the volume or weight per droplet of the liquid and the landing intervals of droplets is varied so as to control the application quantity.

6. An application method according to any one of Claims 1 to 5, wherein the treatment liquid is repeatedly applied onto the surface of the member a plurality of times, and a number of repetitions of application is set for each of the plurality of regions.

7. An applicator for applying a treatment liquid onto a surface of a member, comprising:

a liquid discharge head for discharging the treatment liquid in droplet form; and

a discharge control device for control the discharge of droplets from the liquid discharge head,

wherein the discharge control device divides the surface of the member into a plurality of regions according to the shape of the surface, and controls the application

quantity for each region.

8. An applicator according to Claim 7, wherein the discharge control device controls the application quantity by varying at least one of the volume or weight per droplet of the liquid from the liquid discharge head and the landing intervals of droplets.

9. An application method according to Claim 7 or 8, wherein the treatment liquid is repeatedly applied by the discharge control device onto the surface of the member a plurality of times, and a number of repetitions of application is set for each of the plurality of regions.

10. An optical member having a surface onto which a treatment liquid has been applied with an applicator as set forth in any one of claims 7 to 9.

11. An optical device including the optical member as set forth in Claim 10.